F/G. 1

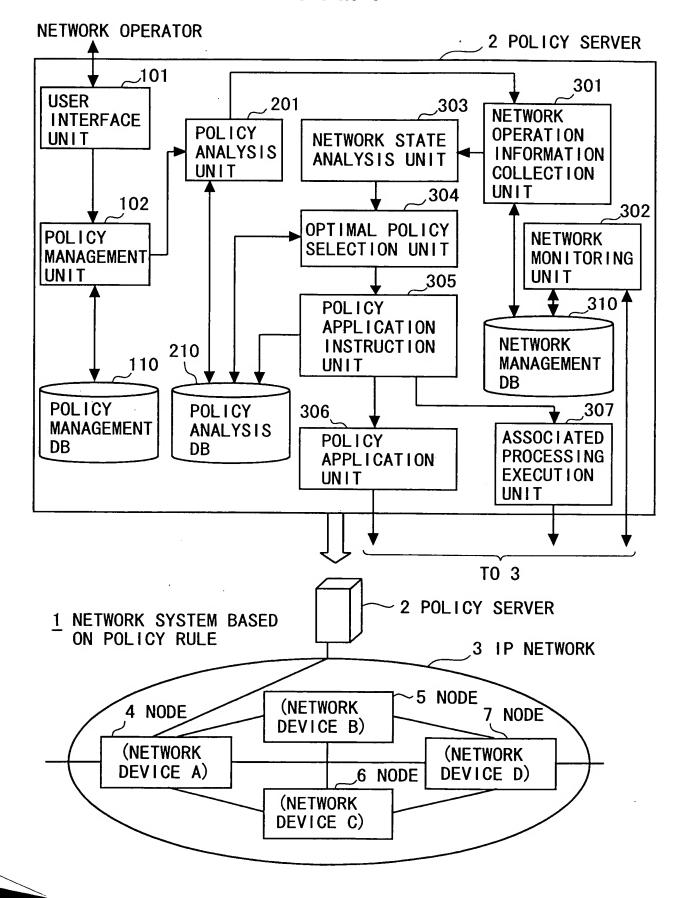


FIG. 2A

SINGLE POLICY RULE	CONDITION		FLOW CONTROL	MAIL NOTIFICATION
POLICY RULE 1	OCCURRENCE OF LINE UNIT TROUBLE	0		10711701
POLICY RULE 2	OCCURRENCE OF LINE UNIT TROUBLE		0	
POLICY RULE 3	OCCURRENCE OF LINE UNIT TROUBLE			0
POLICY RULE 4	EXCESS OF LINE UNIT TRAFFIC AMOUNT THRESHOLD VALUE	0		
POLICY RULE 5	EXCESS OF LINE UNIT TRAFFIC AMOUNT THRESHOLD VALUE		0	
POLICY RULE 6	EXCESS OF LINE UNIT TRAFFIC AMOUNT THRESHOLD VALUE			0
POLICY RULE 7	EEXCESS OF LINE UNIT PACKET LOSS AMOUNT THRESHOLD VALUE	0		
POLICY RULE 8	EXCESS OF LINE UNIT PACKET LOSS AMOUNT THRESHOLD VALUE		0	
POLICY RULE 9	EXCESS OF LINE UNIT PACKET LOSS AMOUNT THRESHOLD VALUE			0

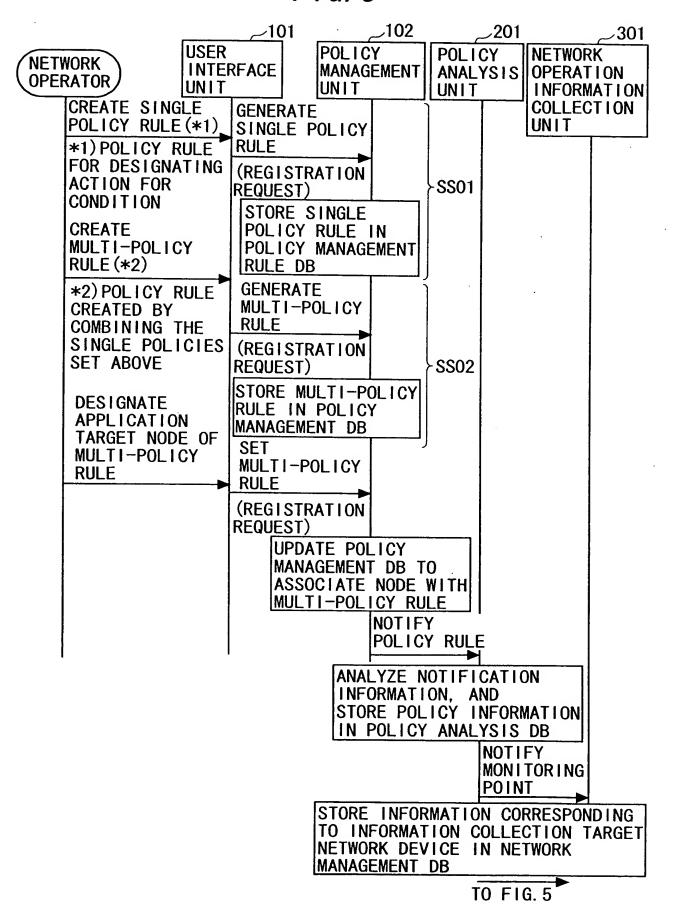
F/G. 2B

MULTI-POLICY RULE	COMBINATION OF SINGLE POLICY RULES
POLICY RULE 10	POLICY RULE 1+POLICY RULE 2
POLICY RULE 11	POLICY RULE 1+POLICY RULE 3
POLICY RULE 12	POLICY RULE 2+POLICY RULE 3
POLICY RULE 13	POLICY RULE 1+POLICY RULE 2+POLICY RULE 3
POLICY RULE 14	POLICY RULE 4+POLICY RULE 5
POLICY RULE 15	POLICY RULE 4+POLICY RULE 6
POLICY RULE 16	POLICY RULE 5+POLICY RULE 6
POLICY RULE 17	POLICY RULE 4+POLICY RULE 5+POLICY RULE 6
POLICY RULE 18	POLICY RULE 7+POLICY RULE 8
POLICY RULE 19	POLICY RULE 7+POLICY RULE 9
POLICY RULE 20	POLICY RULE 8+POLICY RULE 9
POLICY RULE 21	POLICY RULE 7+POLICY RULE 8+POLICY RULE 9

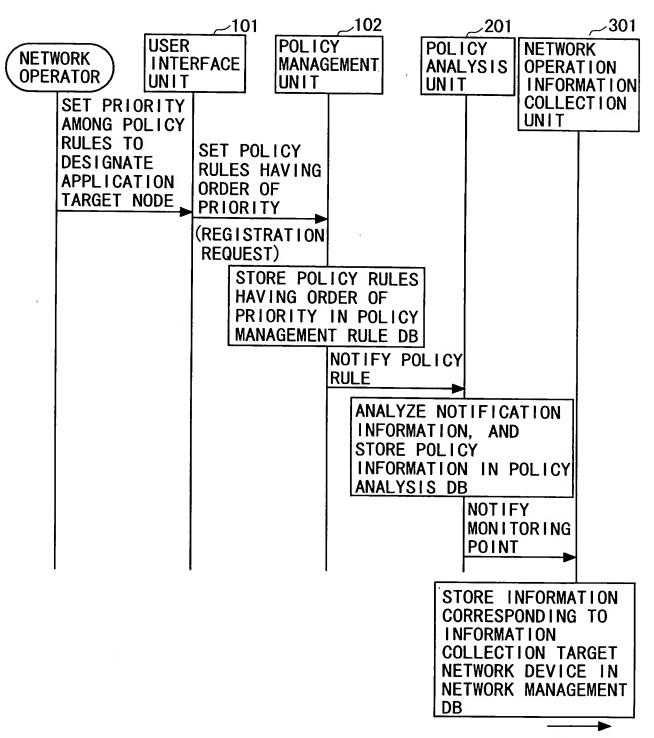
FIG. 2C

PATH NAME	ALLOCATED POLICY RULE	PRIORITY
TUNNEL-1	POLICY RULE 1	HIGH
	POLICY RULE 2	LOW
TUNNEL-2	POLICY RULE 3	HIGH
	POLICY RULE 1	LOW
		!

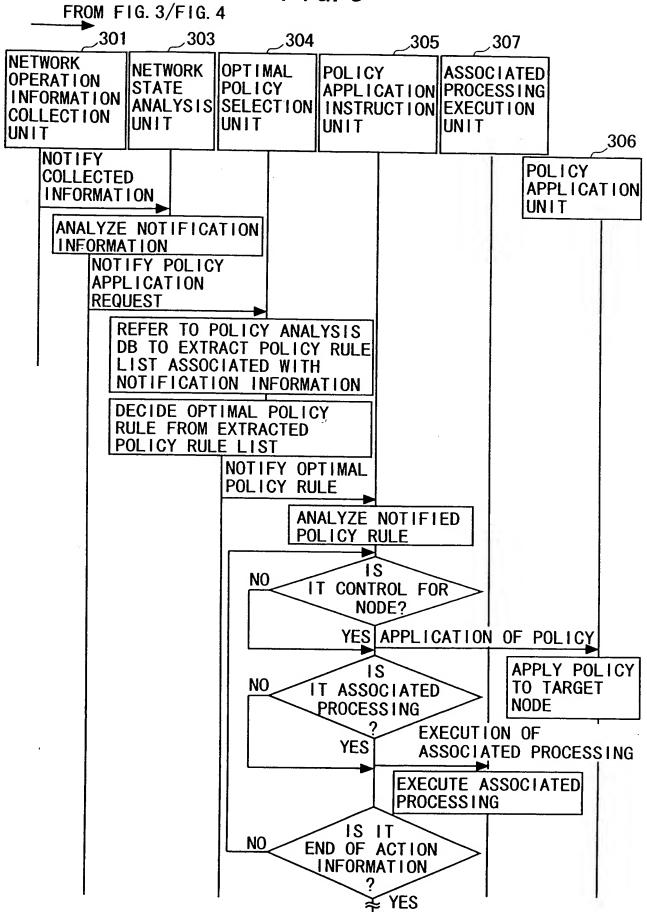
F/G. 3



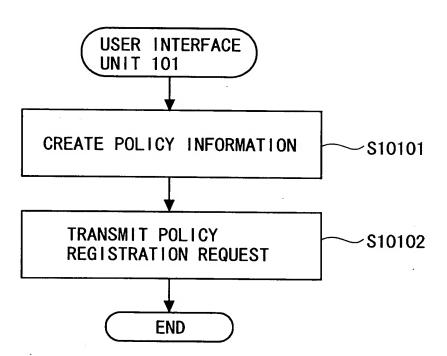
F/G. 4

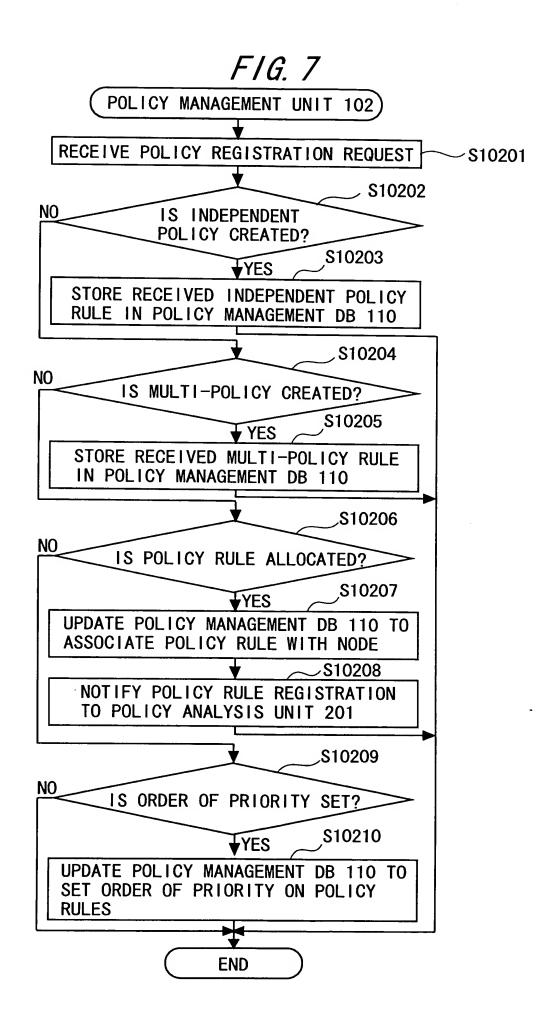


F/G. 5

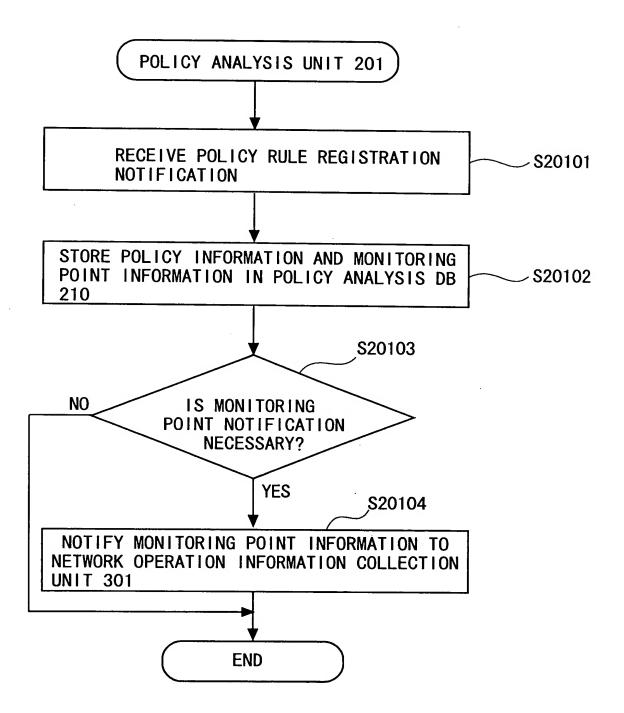


F/G. 6



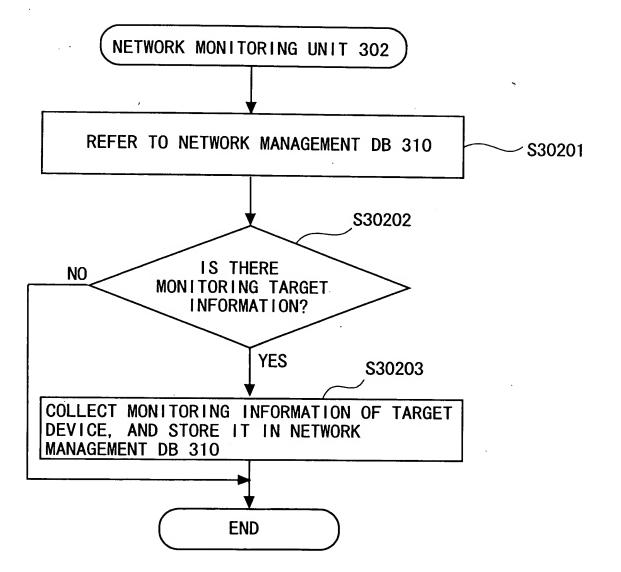


F/G. 8



F/G. 9 **NETWORK OPERATION** INFORMATION COLLECTION UNIT 301 RECEIVE MONITORING POINT INFORMATION S30101 STORE MONITORING POINT IN NETWORK S30102 MANAGEMENT DB 310 MONITOR INFORMATION OF NETWORK STATE - S30103 S30104 NO HAS NETWORK STATE BEEN UPDATED? YES S30105 NOTIFY TO NETWORK STATE ANALYSIS UNIT 303 **END**

F/G. 10



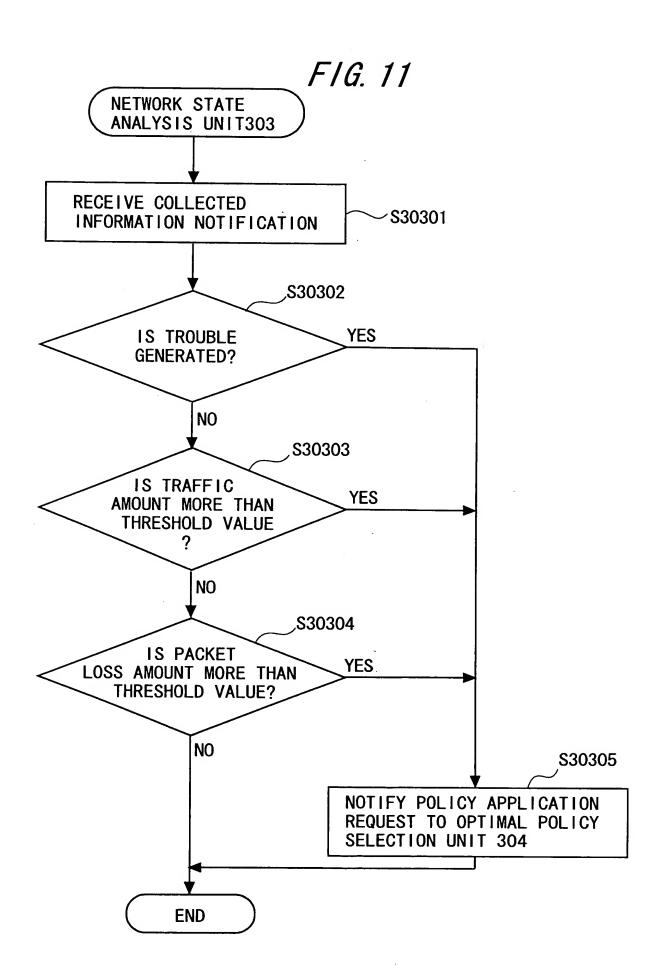
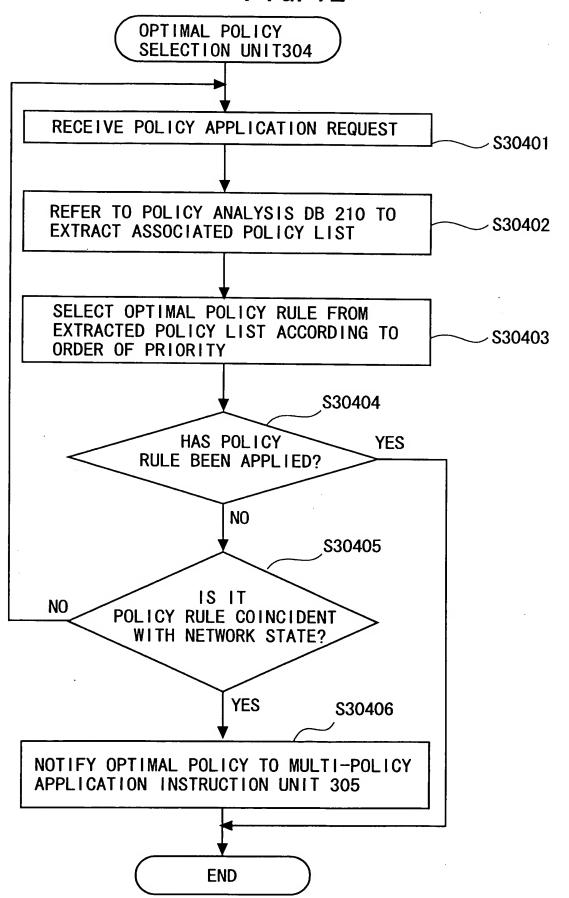
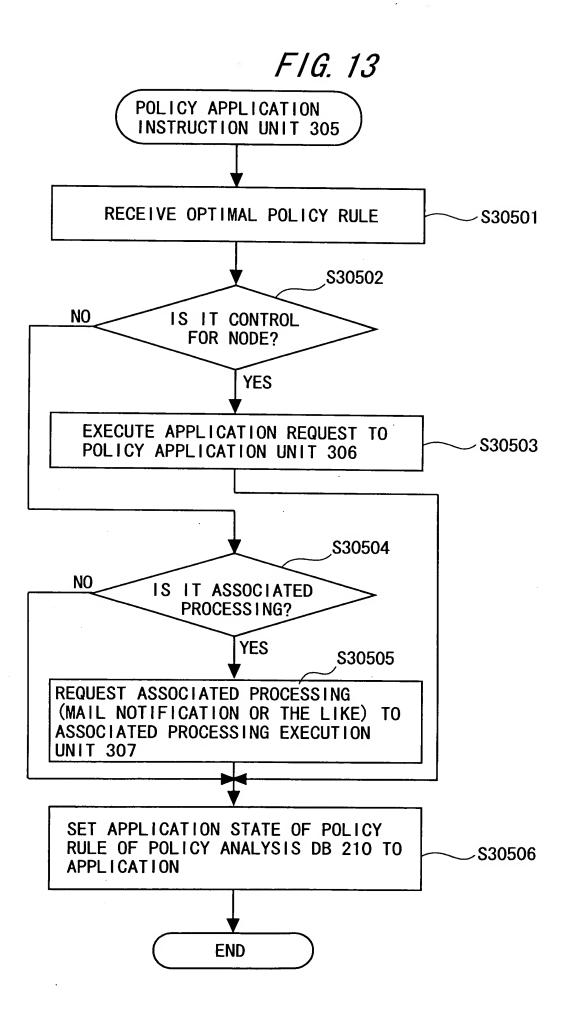


FIG. 12





F/G. 14

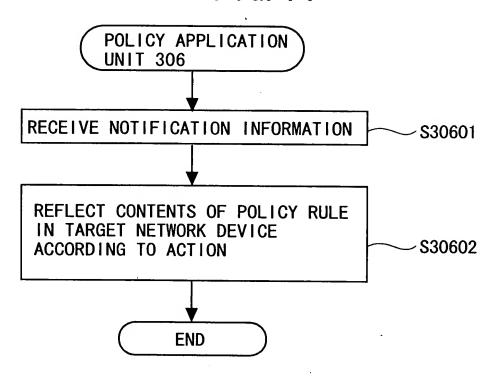
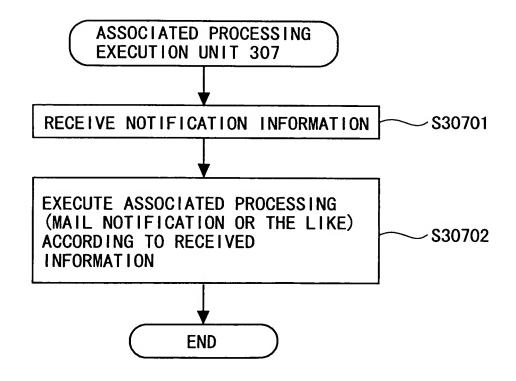


FIG. 15



MANAGEMENT DA NAME POL I CY TYPE CONDITION ACT I ON NEXT POL I CY NEXT POL I CY NEXT POL I CY ACT I ON ACT I ON ACT I ON ACT I ON NEXT POL I CY NEXT POL I CY NEXT POL I CY	SY RUE		إ				٢	-				L.		
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F/G 17	MANAGEMENT DATA STRUCTURE UNDER MULTI-POLICY RULE	NAME CONTENT	POLICY TYPE TYPE OF POLICY RIIF	CONDITION CONDITION FOR POLICY RULE	ACTION ACTION FOR POLICY RULE			APPLICATION APPLIED STATE OF POLICY RULE STATE		NEXT POLICY MULTI-POLICY RULE	(NULL=LAST LINK)		NAME CONTENT		POLICY TYPE TYPE OF POLICY RULE	CONDITION CONDITION FOR POLICY RULE	ACTION ACTION FOR DOLLOY BILE		ORDER OF ORDER OF PRIORITY AT TIME OF PRIORITY POLICY APPLICATION			(NULL=LAST LINK)
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	IN VIGORITAIN	NEIMURK DE DATA STRUC	NAME	NICTION!	DEVICE ID		101111	IN EKFACE ID		APPLIED	POL C	NUMBER			NEADER	I INK TAII					5	210 PULIV

F/G. 18

NETWORK DEVICE MANAGEMENT DATA STRUCTURE

NAME	CONTENT							
NETWORK DEVICE ID	ID FOR IDENTIFYING NETWORK DEVICE (EX. IP ADDRESS OR THE LIKE)							
INTERFACE ID	ID FOR IDENTIFYING INTERFACE (EX. IP ADDRESS OR THE LIKE)							
PORT STATE	STATE OF PORT (TROUBLE OR THE LIKE)							
TRAFFIC AMOUNT	TRAFFIC AMOUNT OF INTERFACE							
PACKET LOSS AMOUNT	PACKET LOSS AMOUNT OF INTERFACE							

310 NETWORK MANAGEMENT DATABASE